

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101168.D
 Acq On : 6 Dec 2017 15:31
 Operator : SJ/JU
 Sample : I6702-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(0-1)

Manual Integrations
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 12/7/2017 11:35:41 AM

Quant Time: Dec 06 18:16:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	51807	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	207551	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	100022	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	197702	20.00	ng	0.00
75) Chrysene-d12	14.02	240	148340	20.00	ng	0.00
86) Perylene-d12	15.49	264	110617	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	328938	104.92	ng	0.00
7) Phenol-d6	6.48	99	398932	104.81	ng	0.00
23) Nitrobenzene-d5	7.41	82	251368	72.25	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	115785	96.36	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	535662	73.27	ng	0.00
78) Terphenyl-d14	12.96	244	557479	82.20	ng	0.00
Target Compounds						
10) Phenol	6.49	94	9578	2.263	ng	Qvalue 89
49) Dimethylphthalate	9.60	163	41629	5.161	ng	99
74) Fluoranthene	12.59	202	62550	5.183	ng	94
77) Pyrene	12.82	202	62922	6.147	ng	98
80) Benzo(a)anthracene	14.00	228	34972	3.734	ng	94
82) Chrysene	14.04	228	34832	4.004	ng	98
85) Indeno(1,2,3-cd)pyrene	16.97	276	18925	2.447	ng	# 87
87) Benzo(b)fluoranthene	15.06	252	33681m	5.083	ng	
88) Benzo(k)fluoranthene	15.09	252	14765m	2.262	ng	
89) Benzo(a)pyrene	15.43	252	24219m	4.021	ng	
91) Benzo(g,h,i)perylene	17.42	276	17208m	3.438	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

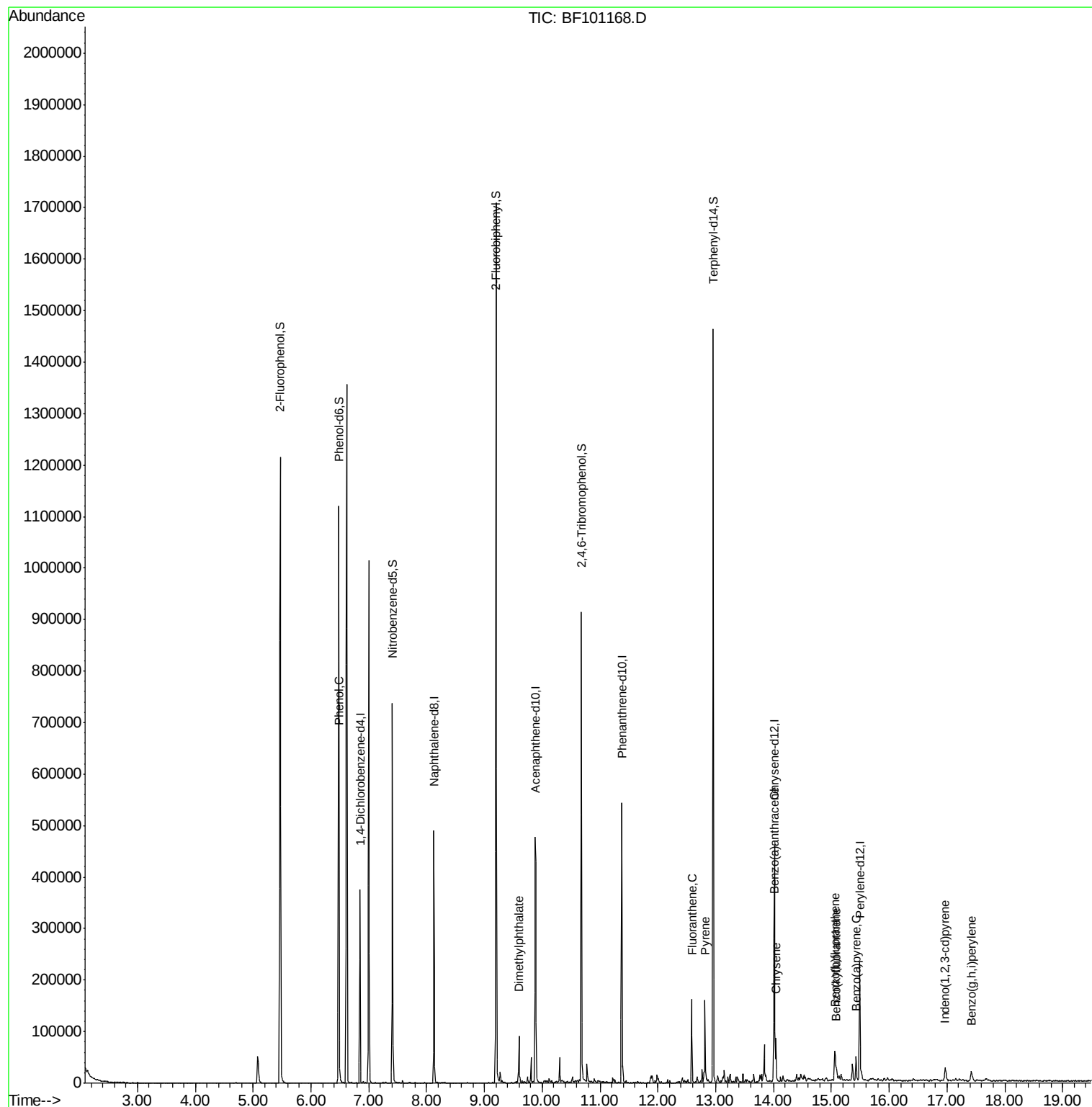
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101168.D
Acq On : 6 Dec 2017 15:31
Operator : SJ/JU
Sample : I6702-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

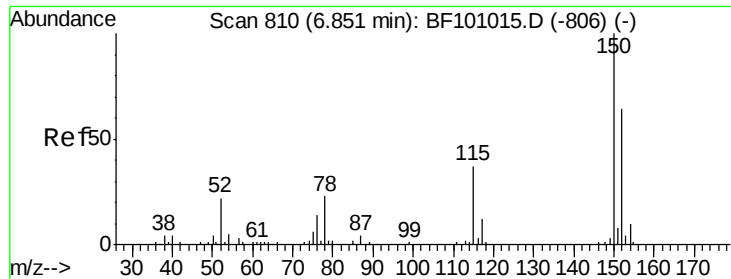
Instrument :
BNA_F
ClientSampleId :
MH-1-E(0-1)

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Response via : Initial Calibration





#1

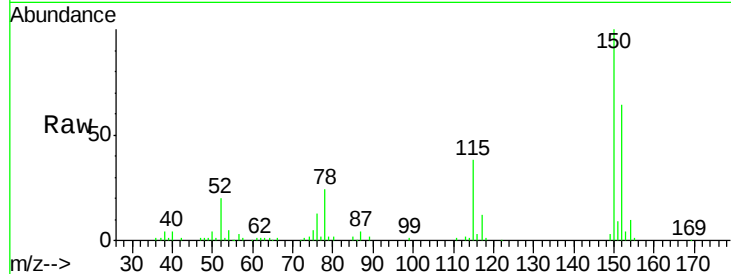
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101168.D
Acq: 6 Dec 2017 15:31

Instrument :
BNA_F
ClientSampleId :
MH-1-E(0-1)

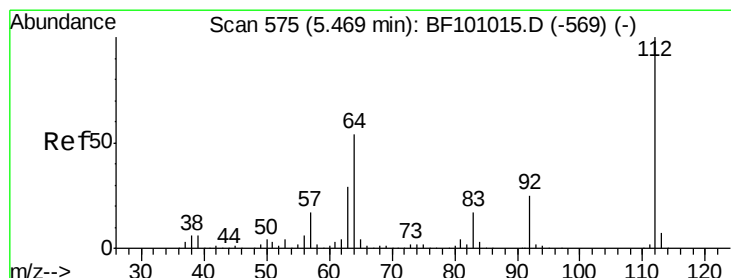
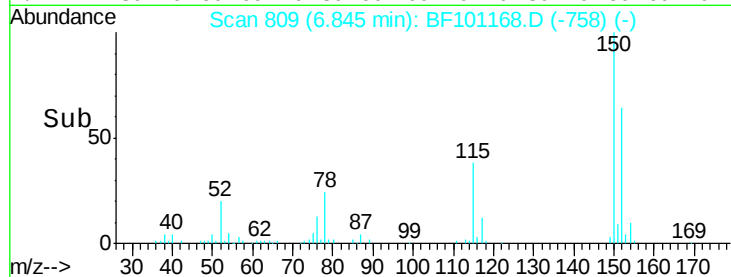
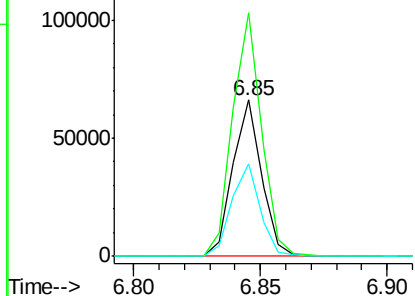
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	59.3	50.1	75.1

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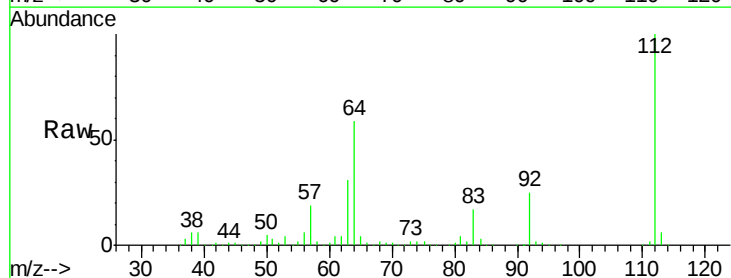
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



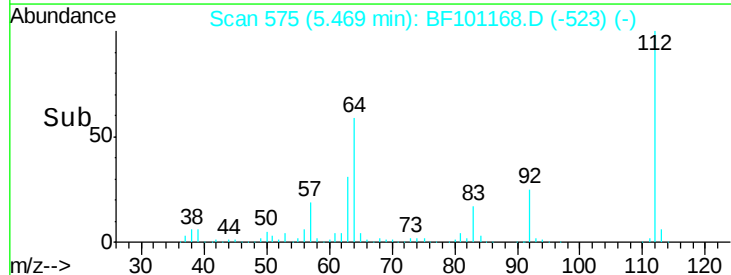
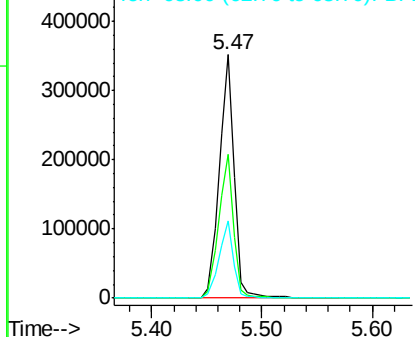
#5

2-Fluorophenol
Concen: 104.919 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101168.D
Acq: 6 Dec 2017 15:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	31.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.805 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101168.D

Acq: 6 Dec 2017 15:31

Instrument :

BNA_F

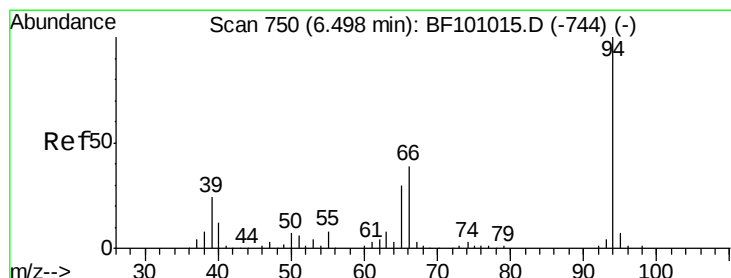
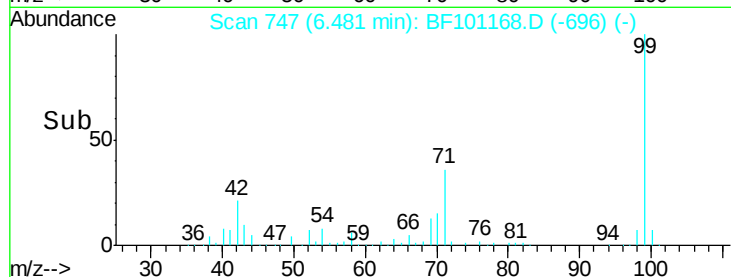
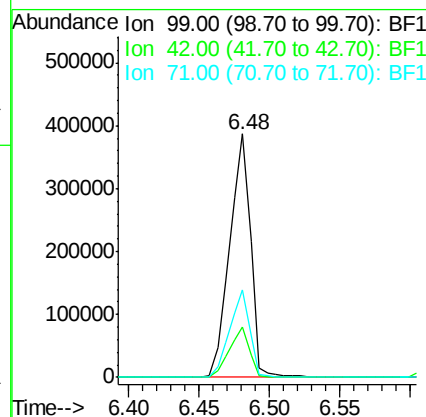
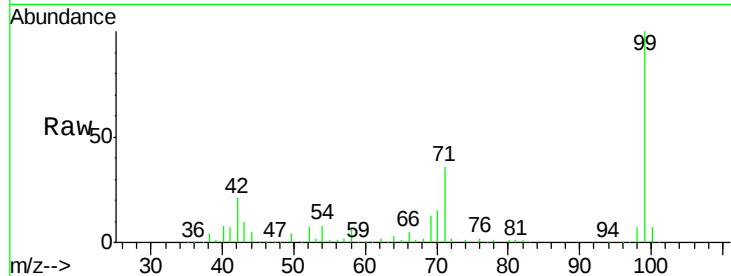
ClientSampleId :

MH-1-E(0-1)

Tot Ion:	99	Resp:	398932
Ion Ratio	Lower	Upper	
99	100		
42	20.6	14.5	21.7
71	35.7	25.4	38.0

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#10

Phenol

Concen: 2.263 ng

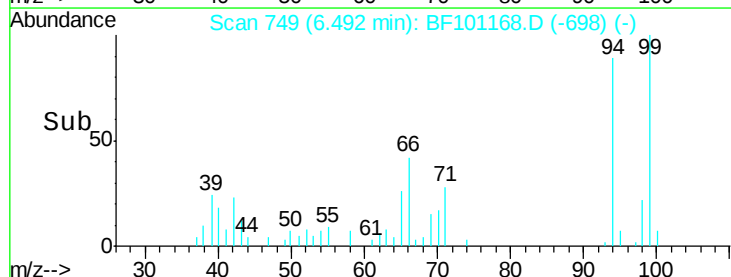
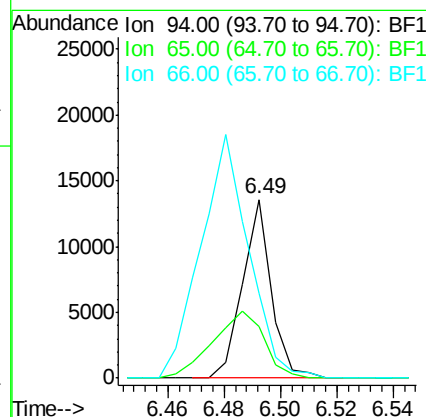
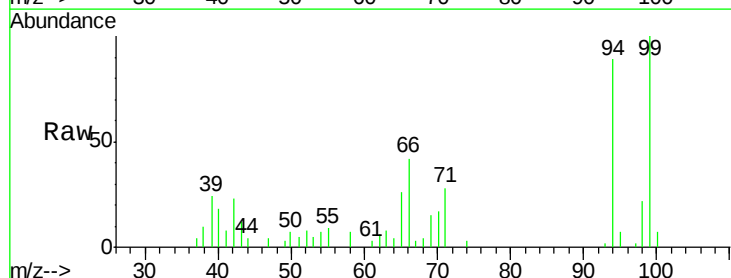
RT: 6.49 min Scan# 749

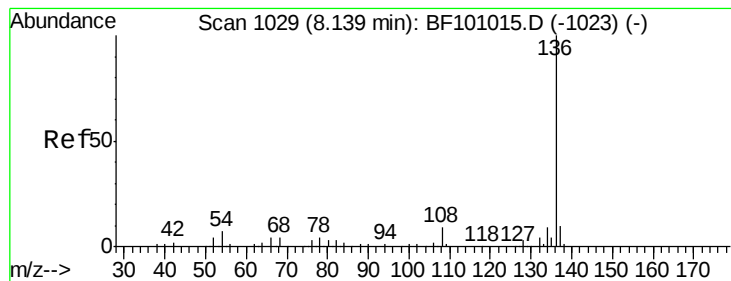
Delta R.T. 0.00 min

Lab File: BF101168.D

Acq: 6 Dec 2017 15:31

Tgt Ion:	94	Resp:	9578
Ion Ratio	Lower	Upper	
94	100		
65	28.7	7.9	47.9
66	47.5	16.2	56.2





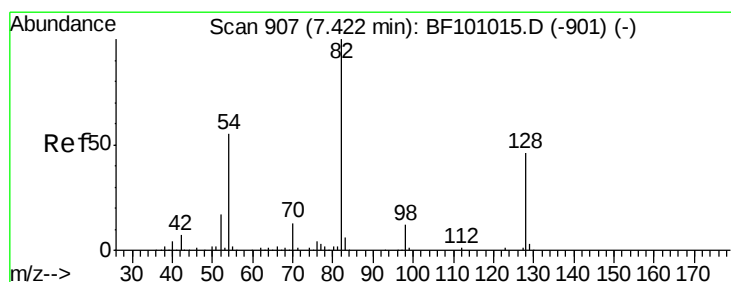
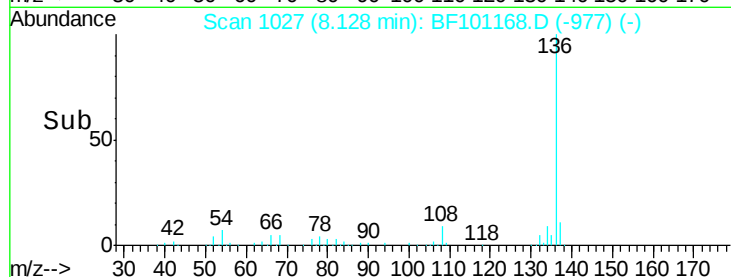
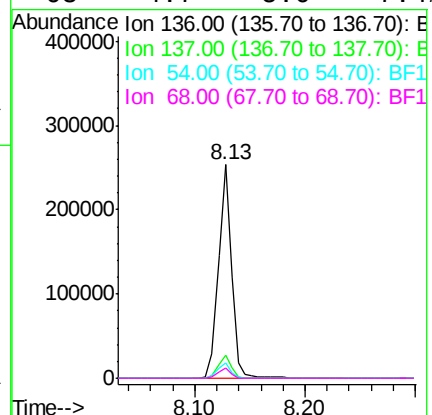
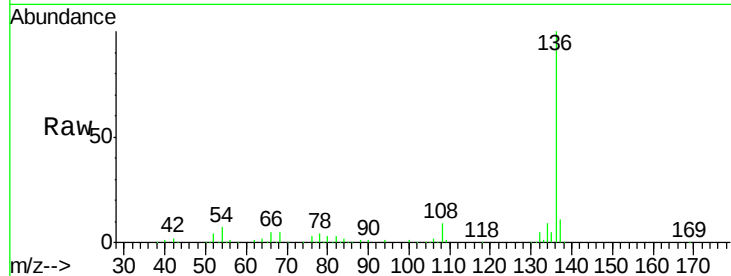
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101168.D
Acq: 6 Dec 2017 15:31

Instrument :
BNA_F
ClientSampleId :
MH-1-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	207551		
137	11.0	8.9	13.3	
54	7.3	6.6	9.8	
68	4.7	5.0	7.4	

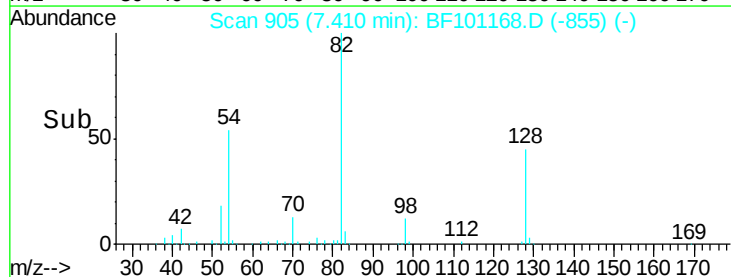
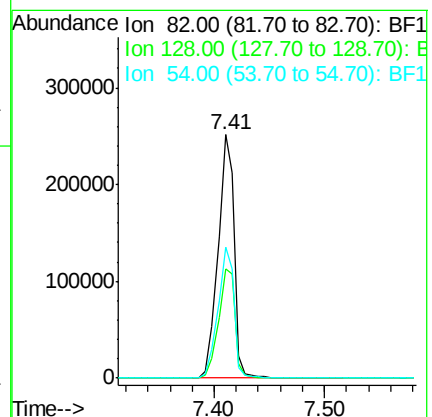
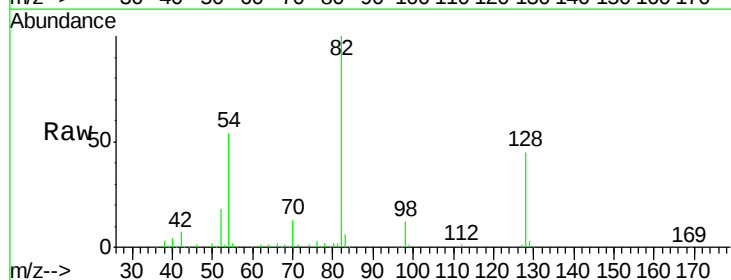
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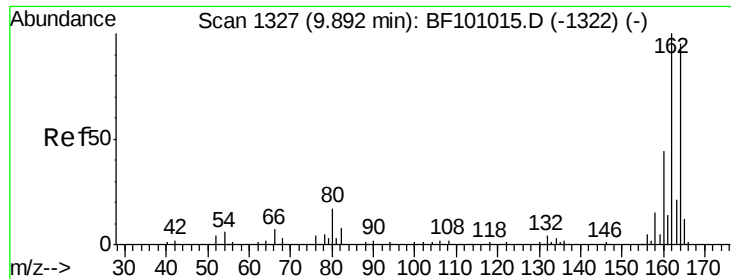
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#23
Nitrobenzene-d5
Concen: 72.247 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101168.D
Acq: 6 Dec 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	251368		
128	44.9	36.1	54.1	
54	53.7	41.4	62.2	





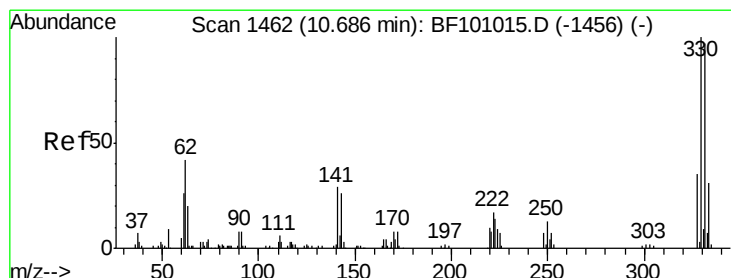
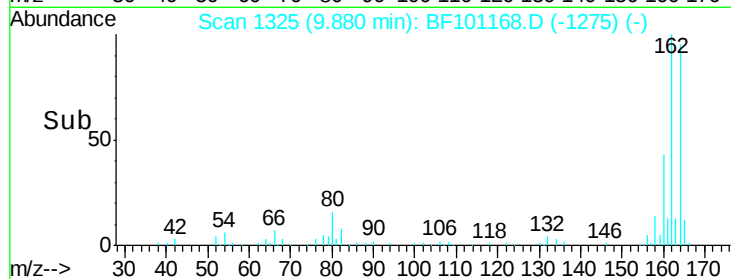
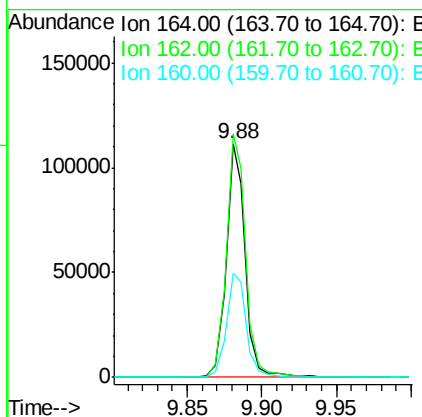
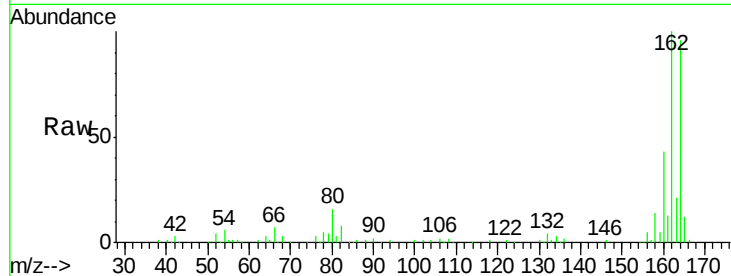
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF101168.D
 Acq: 6 Dec 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	100022		
162	104.1	86.1	129.1	
160	44.3	38.3	57.5	

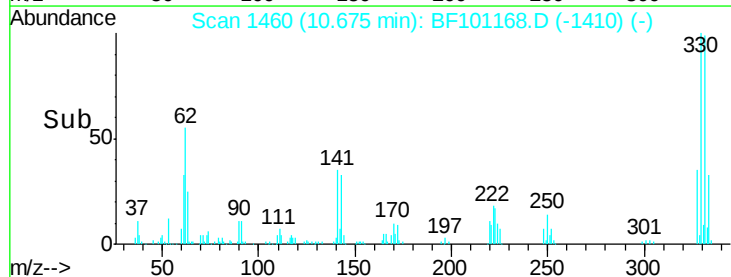
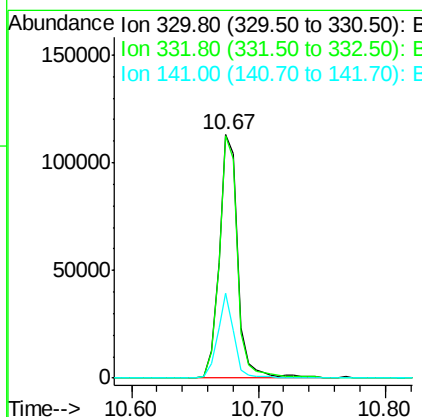
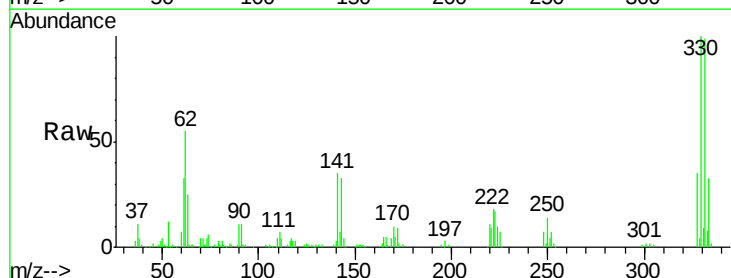
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#41
 2,4,6-Tribromophenol
 Concen: 96.363 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101168.D
 Acq: 6 Dec 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	115785		
332	98.0	77.0	115.6	
141	30.9	29.9	44.9	





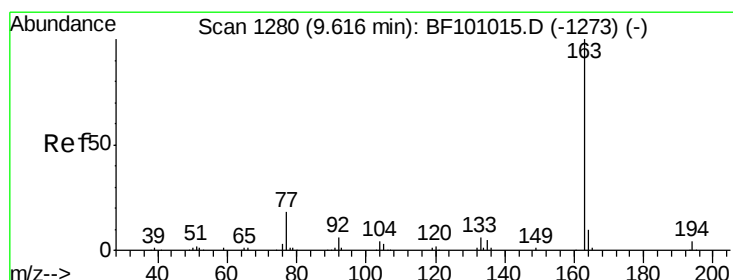
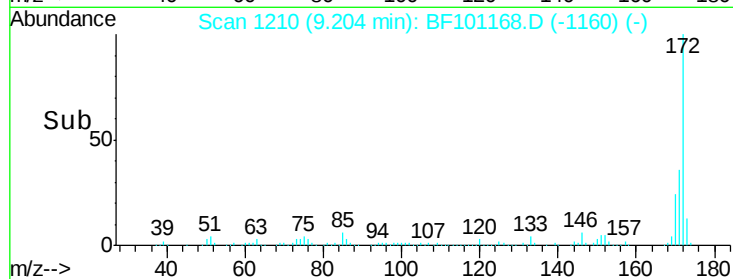
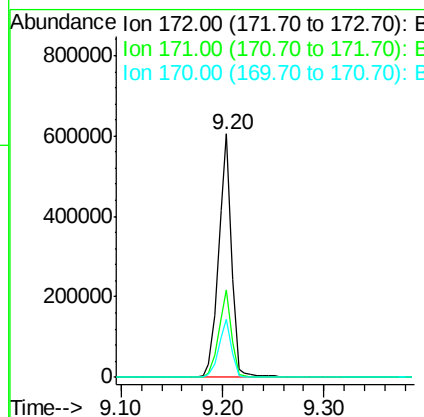
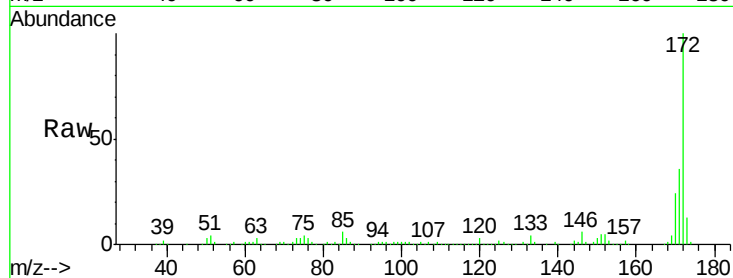
#44
2-Fluorobiphenyl
Concen: 73.273 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101168.D
Acq: 6 Dec 2017 15:31

Instrument :
BNA_F
ClientSampleId :
MH-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4

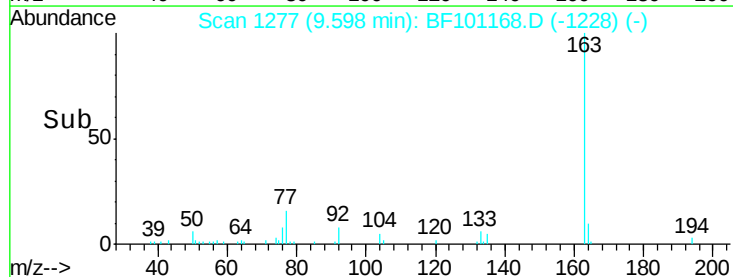
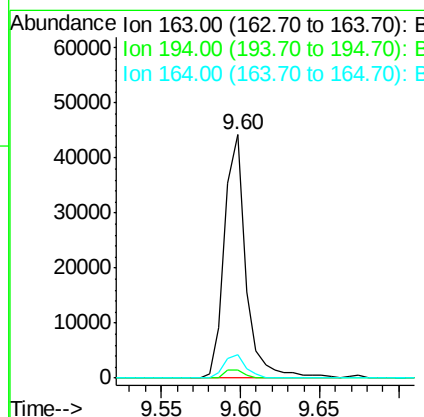
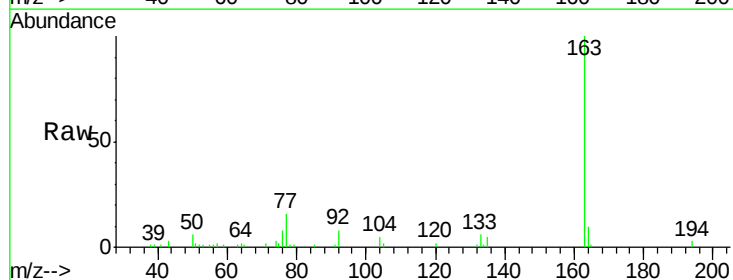
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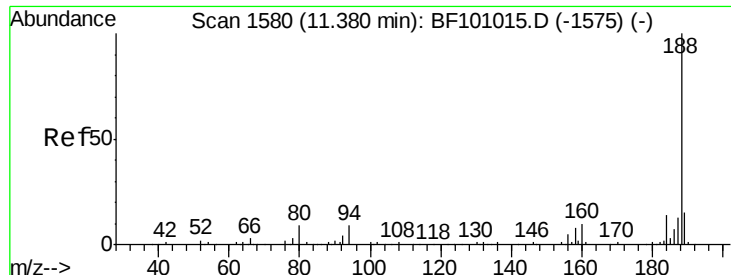
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#49
Dimethylphthalate
Concen: 5.161 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101168.D
Acq: 6 Dec 2017 15:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2





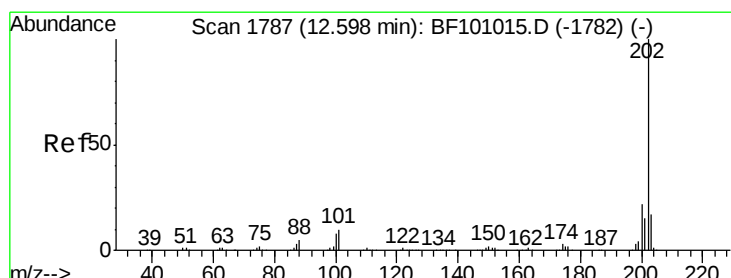
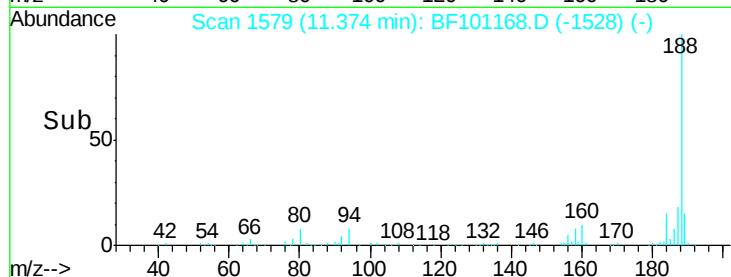
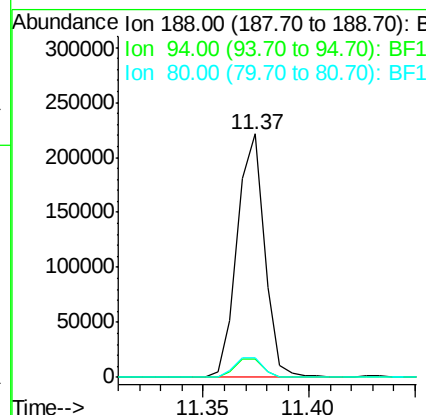
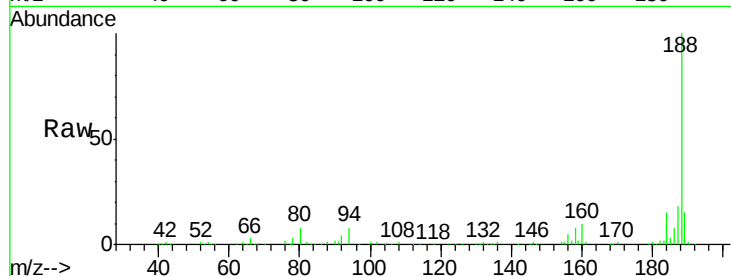
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101168.D
Acq: 6 Dec 2017 15:31

Instrument :
BNA_F
ClientSampleId :
MH-1-E(0-1)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.2	9.2	13.8#

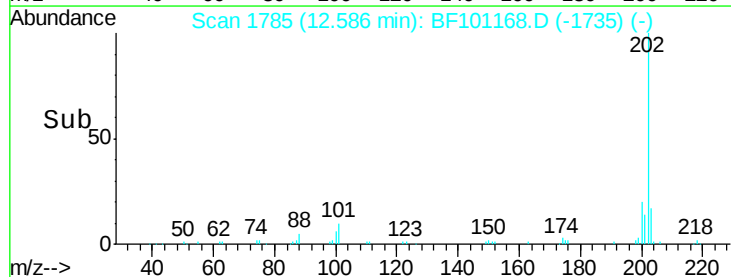
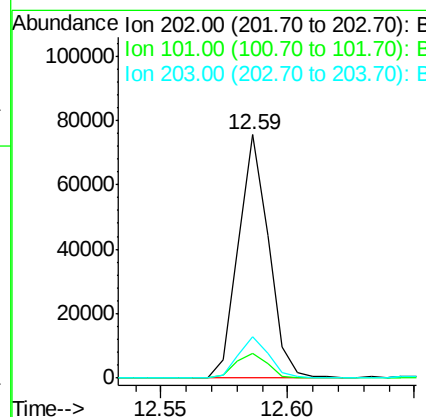
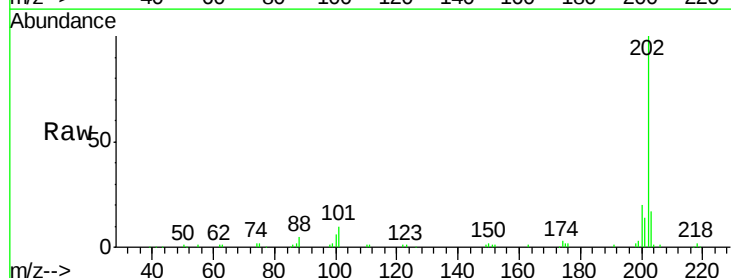
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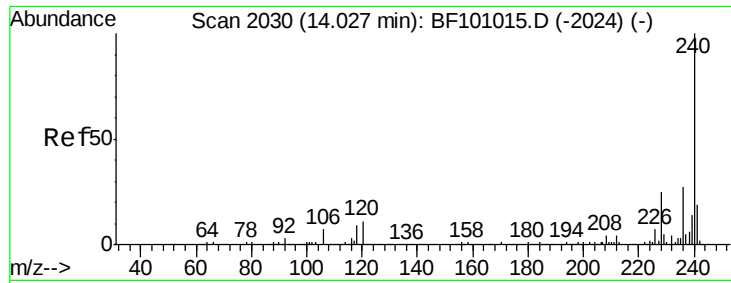
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#74
Fluoranthene
Concen: 5.183 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF101168.D
Acq: 6 Dec 2017 15:31

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	34.1
203	16.7	0.0	38.1





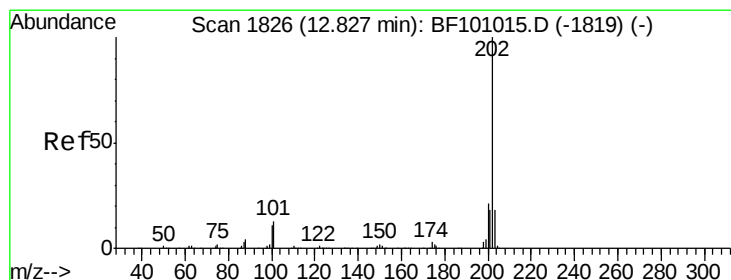
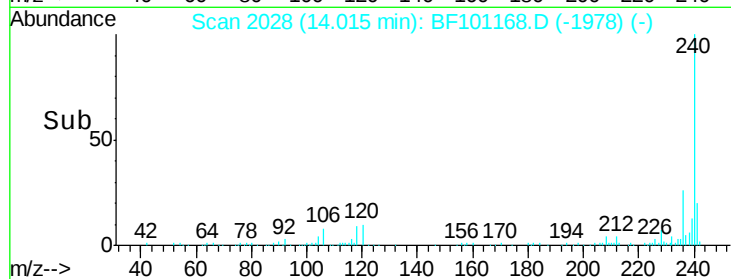
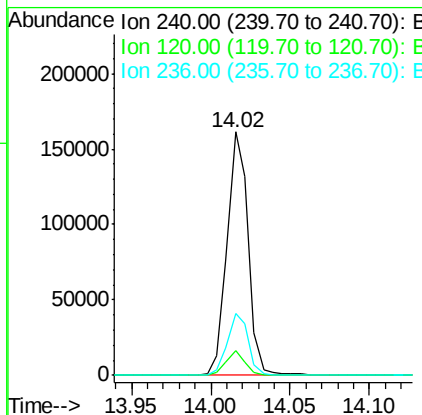
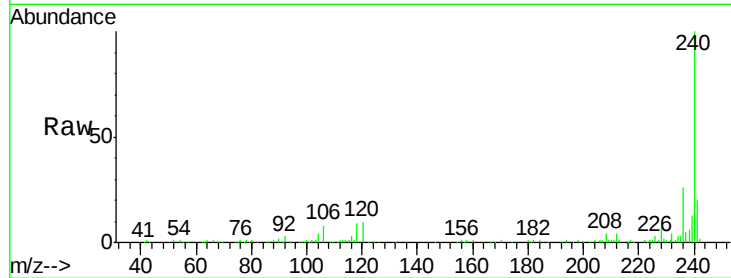
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101168.D
Acq: 6 Dec 2017 15:31

Instrument :
BNA_F
ClientSampleId :
MH-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	25.5	20.7	31.1

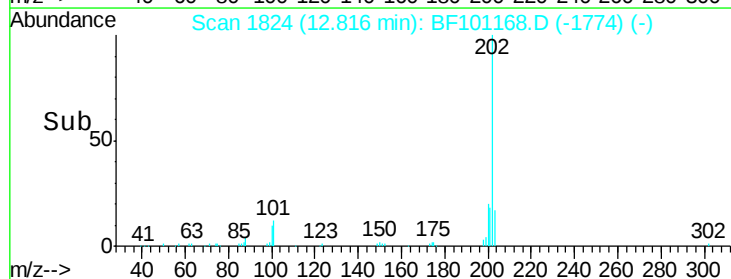
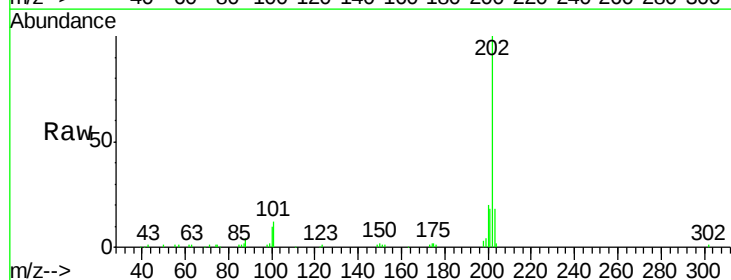
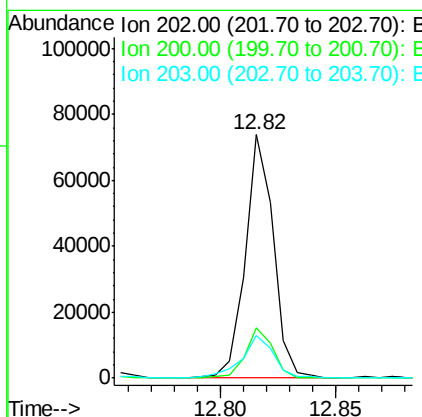
Manual Integrations
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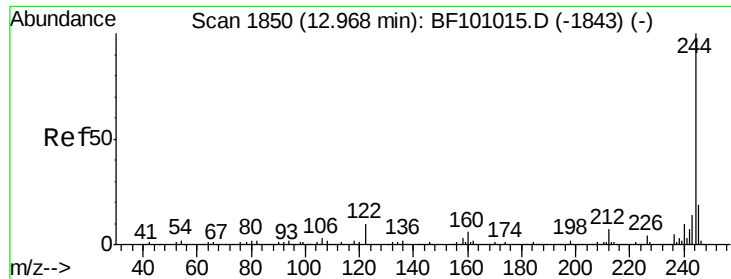
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#77
Pyrene
Concen: 6.147 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF101168.D
Acq: 6 Dec 2017 15:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	17.8	14.3	21.5





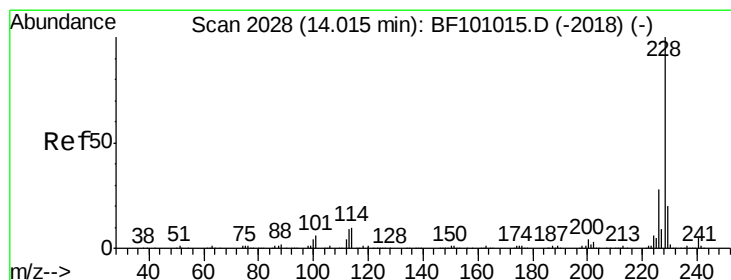
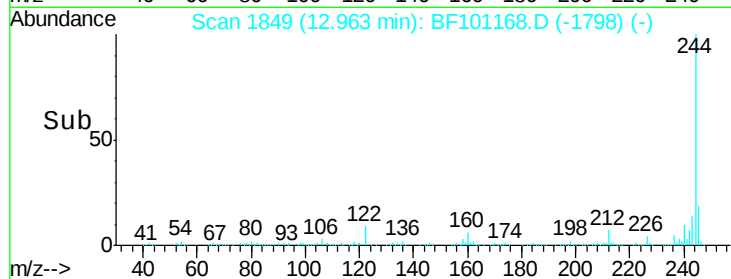
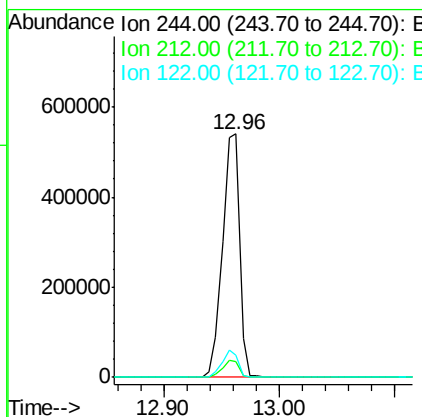
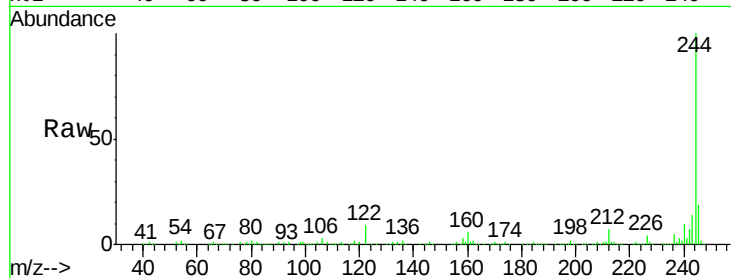
#78
 Terphenyl-d14
 Concen: 82.200 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF101168.D
 Acq: 6 Dec 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.1	11.0	16.4

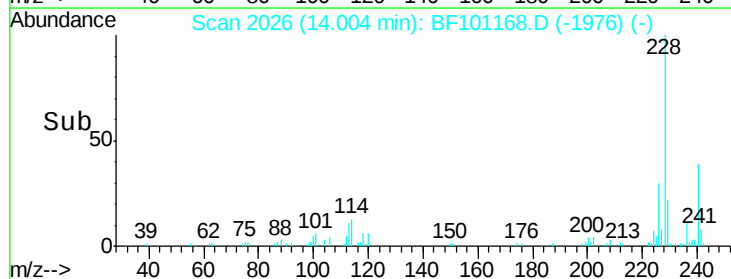
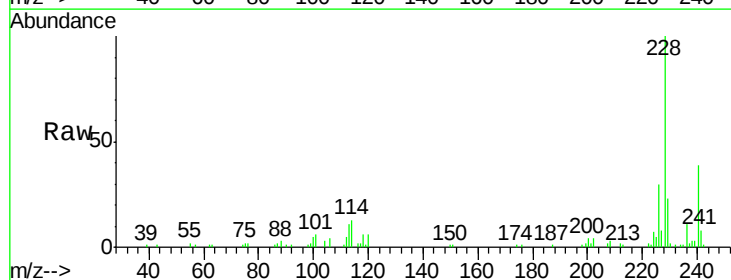
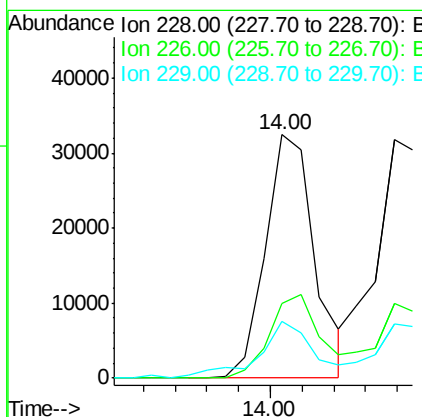
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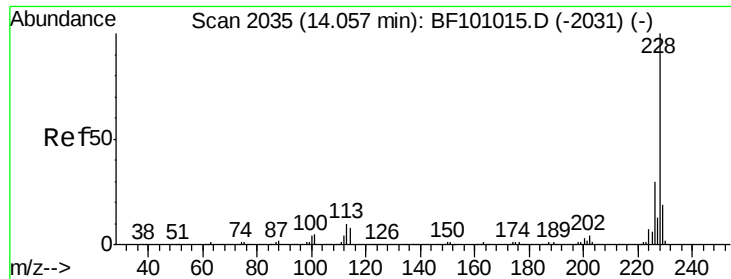
Sohil
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#80
 Benzo(a)anthracene
 Concen: 3.734 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF101168.D
 Acq: 6 Dec 2017 15:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	23.3	15.8	23.6





#82

Chrysene

Concen: 4.004 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF101168.D

Acq: 6 Dec 2017 15:31

Instrument :

BNA_F

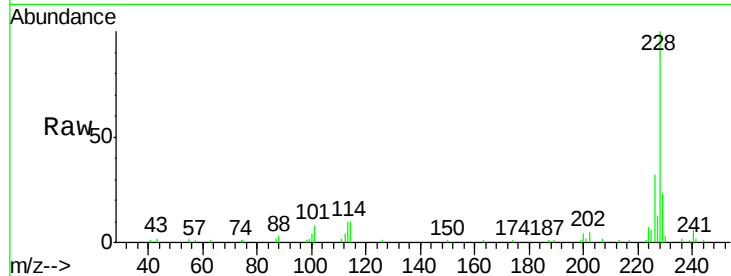
ClientSampleId :

MH-1-E(0-1)

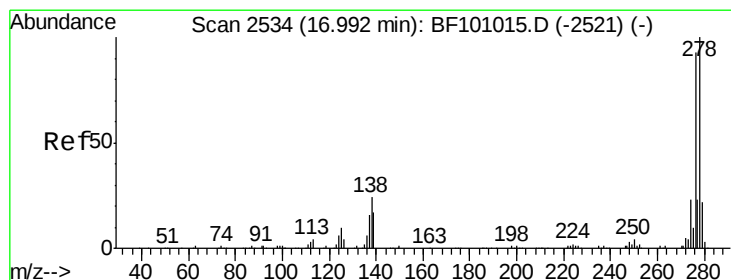
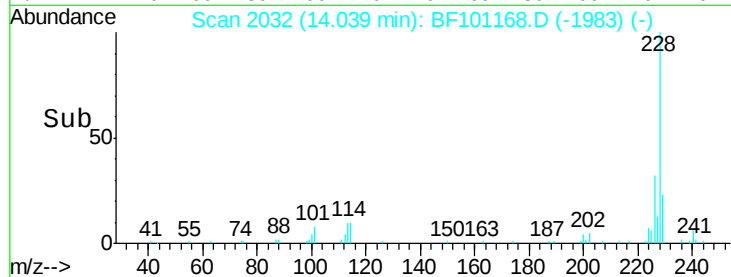
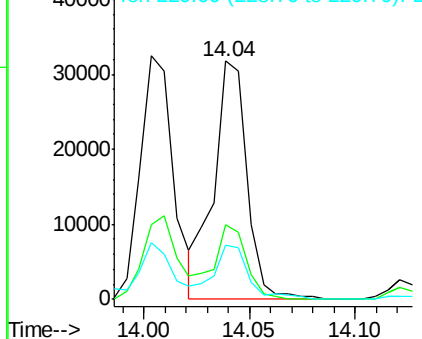
Tot Ion:	228	Resp:	34832
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.0	37.6
229	22.5	16.2	24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.447 ng

RT: 16.97 min Scan# 2530

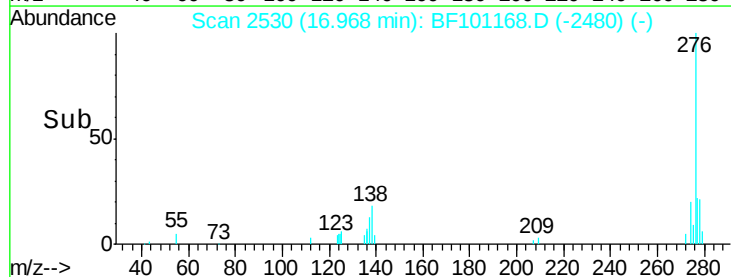
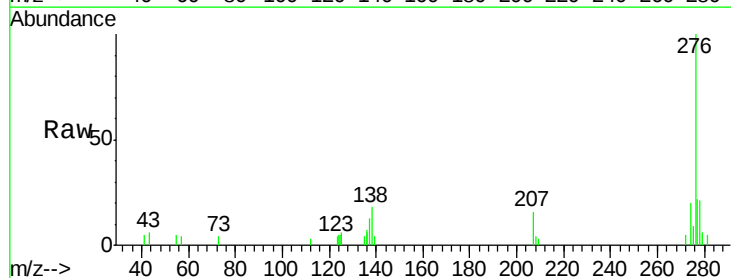
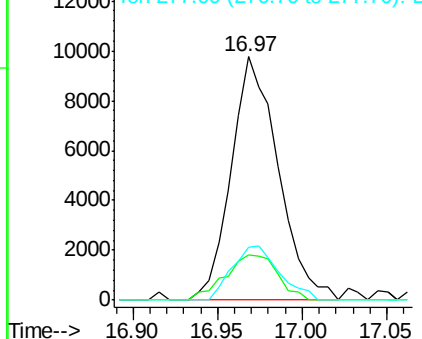
Delta R.T. -0.01 min

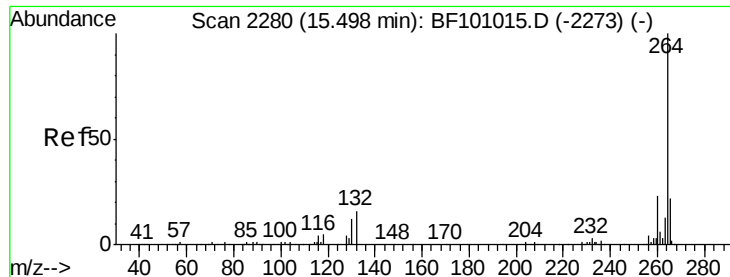
Lab File: BF101168.D

Acq: 6 Dec 2017 15:31

Tgt Ion:	276	Resp:	18925
Ion Ratio	Lower	Upper	
276	100		
138	20.6	25.0	37.6#
277	22.2	20.1	30.1

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





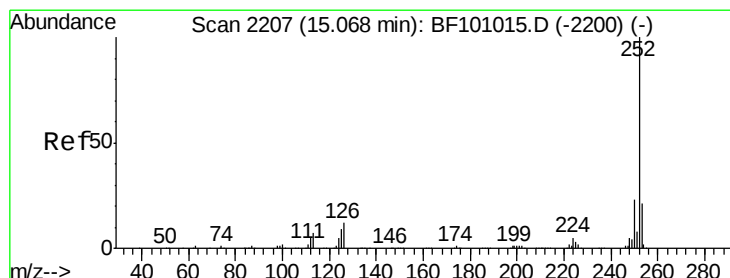
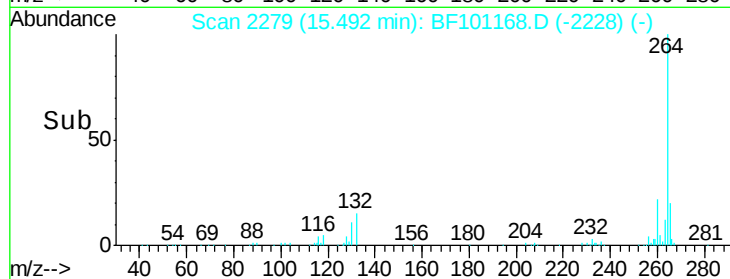
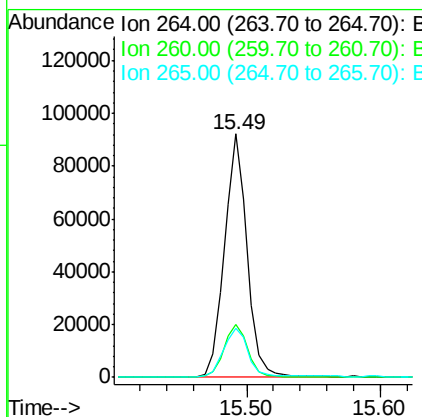
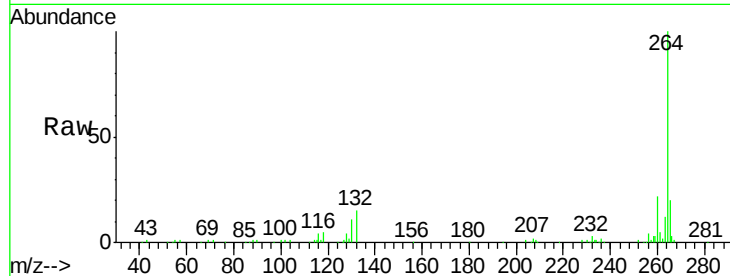
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101168.D
Acq: 6 Dec 2017 15:31

Instrument :
BNA_F
ClientSampleId :
MH-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.2	28.8
265	20.3	17.5	26.3

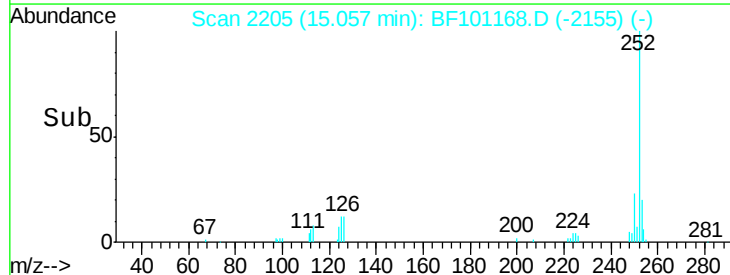
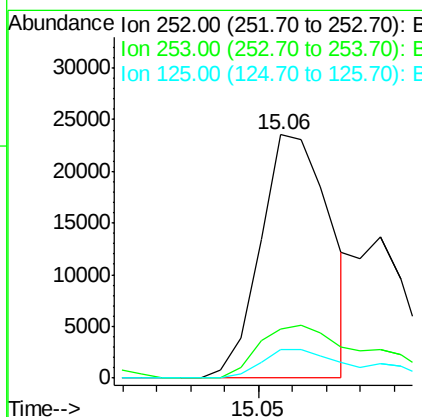
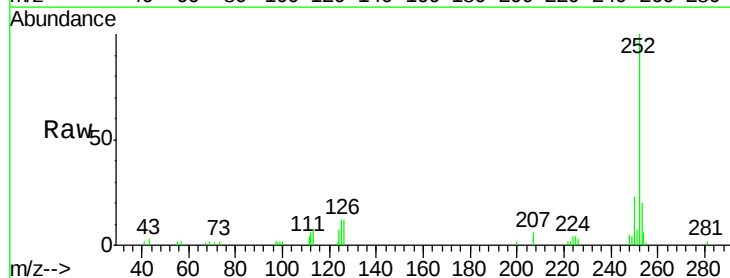
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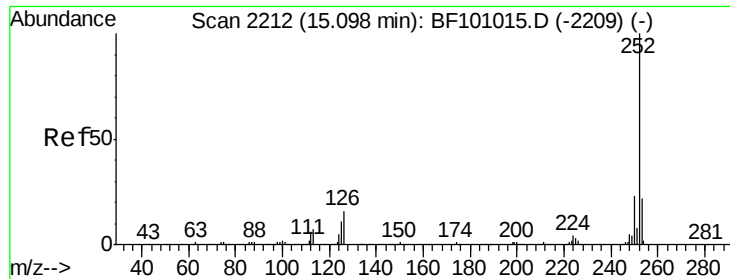
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#87
Benzo(b)fluoranthene
Concen: 5.083 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF101168.D
Acq: 6 Dec 2017 15:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.0	25.6
125	11.7	9.0	13.6





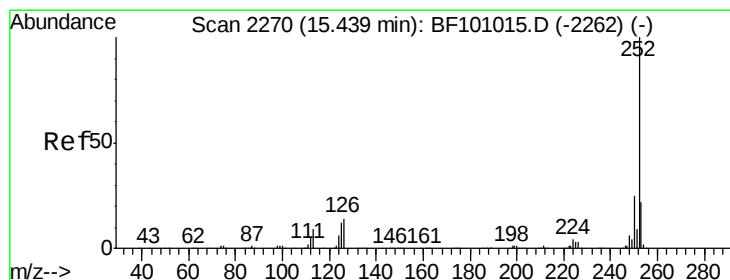
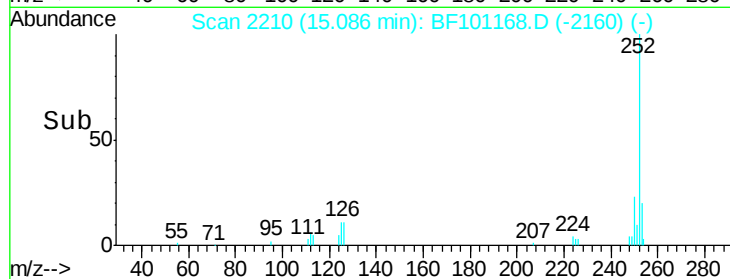
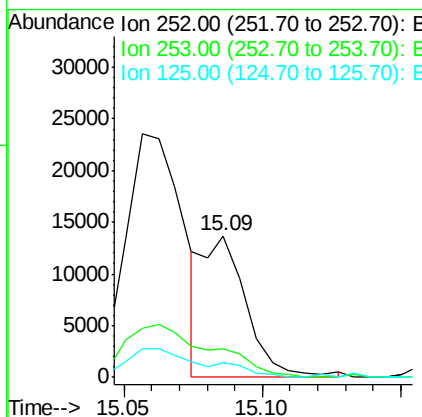
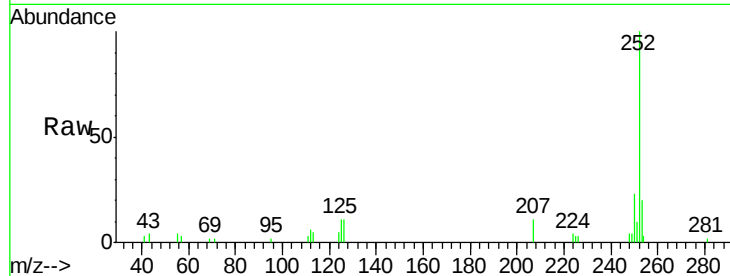
#88
Benzo(k)fluoranthene
Concen: 2.262 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF101168.D
Acq: 6 Dec 2017 15:31

Instrument :
BNA_F
ClientSampleId :
MH-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	19.8	17.9	26.9
125	10.6	10.2	15.2

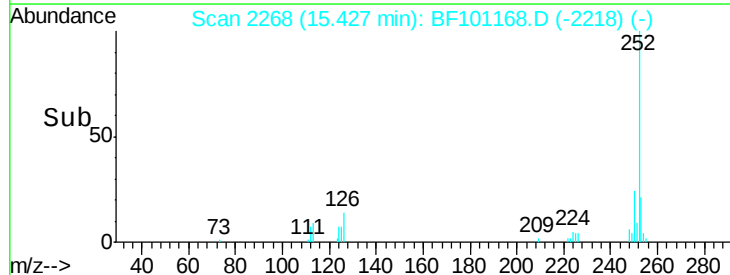
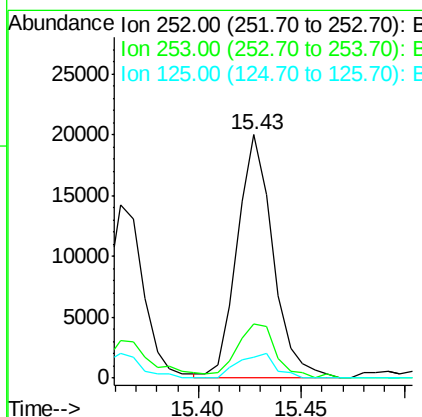
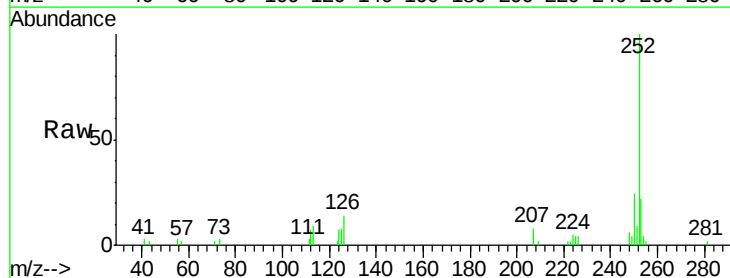
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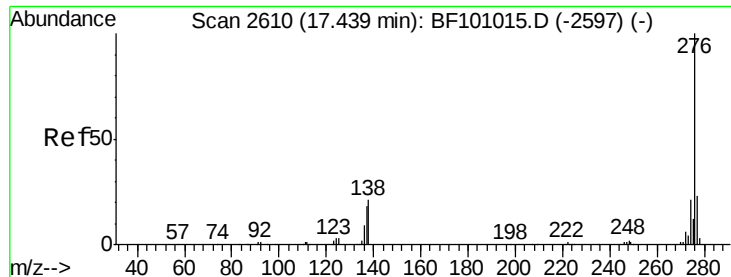
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#89
Benzo(a)pyrene
Concen: 4.021 ng m
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF101168.D
Acq: 6 Dec 2017 15:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	8.4	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 3.438 ng/ml
 RT: 17.42 min Scan# 2607
 Delta R.T. -0.01 min
 Lab File: BF101168.D
 Acq: 6 Dec 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.0	17.9	26.9
138	24.9	21.8	32.8

Manual Integrations
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